Performance Data Sheet

AJE2433ZHZ

General Information

Model	AJE2433ZHZ	**Refrigerant**	R-404A
Test Condition	EN12900 ASERCOM	**Performance Test Voltage**	220V ~ 60HZ
Return Gas	20°C (68°F) RETURN GAS	**Motor Type**	CSR

Performance Information

Evap Temp (°C)		Condensing Temperature (°C)			
		30	40	50	60
-40	Watts (Capacity)	665	499	341	193
	Watts (Power)	641	630	587	511
	Amps	2.99	2.91	2.72	2.41
-35	Watts (Capacity)	925	724	532	350
	Watts (Power)	734	748	730	679
	Amps	3.39	3.43	3.35	3.15
-30	Watts (Capacity)	1240	992	755	529
	Watts (Power)	834	872	879	853
	Amps	3.84	3.99	4.02	3.93
-25	Watts (Capacity)	1610	1310	1020	736
	Watts (Power)	938	1000	1030	1030
	Amps	4.32	4.58	4.73	4.75
-23.3	Watts (Capacity)	1750	1430	1110	814
	Watts (Power)	975	1050	1090	1090
	Amps	4.49	4.79	4.97	5.04
-20	Watts (Capacity)	2040	1670	1320	977
	Watts (Power)	1050	1140	1190	1220
	Amps	4.84	5.21	5.47	5.60
-15	Watts (Capacity)	2540	2100	1670	1260
	Watts (Power)	1160	1280	1360	1400
	Amps	5.39	5.88	6.24	6.49
-10	Watts (Capacity)	3110	2590	2080	1580
	Watts (Power)	1280	1420	1530	1600
	Amps	5.98	6.58	7.06	7.42

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	6.693235E+03	7.846576E+02	4.104740E+00	
C2	2.215206E+02	1.188446E+01	6.918666E-02	
C3	-7.362381E+01	3.002449E+01	1.232839E-01	
C4	2.390447E+00	1.061903E-01	7.287340E-04	
C5	-2.178155E+00	4.950765E-01	2.237933E-03	
C6	1.023009E-02	-1.614506E-01	-5.886800E-04	
C7	7.315726E-03	0.000000E+00	0.000000E+00	
C8	-1.954020E-02	0.000000E+00	0.000000E+00	
C9	2.656750E-04	0.000000E+00	0.000000E+00	
C10	3.288600E-04	0.000000E+00	0.000000E+00	

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature